

## DECLARATION AND POWER OF ATTORNEY

I, TARA L. COBBLE, declare that I am a citizen of the United States of America, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with SHANNON S. DUVENDACK, ARUNDHATI KARUMANCHI, SALIM SALIM AND JAMES E. WAGNER of the subject matter which is claimed and for which a patent is sought on the invention entitled:


METHOD AND SYSTEM FOR PROVIDING DIAGNOSTICS FOR A WORK MACHINE  
the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Jeffrey L. Myers, Patent Office Reg. No. 44,252, telephone (309) 636-1843, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, Robert J. Hampsch, Patent Office Reg. No. 36,155, telephone (309) 675-5214, and R. Carl Wilbur, Patent Office Reg. No. 36,056, telephone (309) 675-5847, and James Yee, Patent Office Reg. No. \*\*\*Outside Lawfirm Attorney Reg No 562\*\*\*, telephone \*\*\*Outside Lawfirm Phone 565\*\*\*, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: Jeffrey L. Myers, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

  
TARA L. COBBLE  
Date 12/19/2000

Post Office Address:  
606 E. McClure Ave.  
Peoria, Illinois 61603-1809

## DECLARATION AND POWER OF ATTORNEY

I, SHANNON S. DUVENDACK, declare that I am a citizen of the United States of America, residing at East Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with TARA L. COBBLE, ARUNDHATI KARUMANCHI, SALIM SALIM AND JAMES E. WAGNER of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### METHOD AND SYSTEM FOR PROVIDING DIAGNOSTICS FOR A WORK MACHINE

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in § 1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Jeffrey L. Myers, Patent Office Reg. No. 44,252, telephone (309) 636-1843, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, Robert J. Hampsch, Patent Office Reg. No. 36,155, telephone (309) 675-5214, and R. Carl Wilbur, Patent Office Reg. No. 36,056, telephone (309) 675-5847, and James Yee, Patent Office Reg. No. \*\*\*Outside Lawfirm Attorney Reg No 562\*\*\*, telephone \*\*\*Outside Lawfirm Phone 565\*\*\*, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: Jeffrey L. Myers, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Shannon S. Duvendack

SHANNON S. DUVENDACK

Post Office Address:

350 E Eller Drive

East Peoria, Illinois 61611-5417

12/20/00

Date

## DECLARATION AND POWER OF ATTORNEY

I, ARUNDHATI KARUMANCHI, declare that I am a citizen of the United States of America, residing at Cary, North Carolina, and that I believe I am one of the original, first, and joint inventors together with TARA L. COBBLE, SHANNON S. DUVENDACK, SALIM SALIM AND JAMES E. WAGNER of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### METHOD AND SYSTEM FOR PROVIDING DIAGNOSTICS FOR A WORK MACHINE

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Jeffrey L. Myers, Patent Office Reg. No. 44,252, telephone (309) 636-1843, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, Robert J. Hampsch, Patent Office Reg. No. 36,155, telephone (309) 675-5214, and R. Carl Wilbur, Patent Office Reg. No. 36,056, telephone (309) 675-5847, and James Yee, Patent Office Reg. No. \*\*\*Outside Lawfirm Attorney Reg No 562\*\*\*, telephone \*\*\*Outside Lawfirm Phone 565\*\*\*, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: Jeffrey L. Myers, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Arundhati Karumanchi  
ARUNDHATI KARUMANCHI

Post Office Address:

111 Raphael Drive

Cary, North Carolina 27511-6015

Date

12/19/00

## **DECLARATION AND POWER OF ATTORNEY**

I, SALIM SALIM, declare that I am a citizen of Indonesia, residing at Peoria, Illinois, and that I believe I am one of the original, first, and joint inventors together with TARA L. COBBLE, SHANNON S. DUVENDACK, ARUNDHATI KARUMANCHI AND JAMES E. WAGNER of the subject matter which is claimed and for which a patent is sought on the invention entitled:

### **METHOD AND SYSTEM FOR PROVIDING DIAGNOSTICS FOR A WORK MACHINE**

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Jeffrey L. Myers, Patent Office Reg. No. 44,252, telephone (309) 636-1843, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, Robert J. Hampsch, Patent Office Reg. No. 36,155, telephone (309) 675-5214, and R. Carl Wilbur, Patent Office Reg. No. 36,056, telephone (309) 675-5847, and James Yee, Patent Office Reg. No. \*\*\*Outside Lawfirm Attorney Reg No 562\*\*\*, telephone \*\*\*Outside Lawfirm Phone 565\*\*\*, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: Jeffrey L. Myers, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



12/19/2000  
Date

SALIM SALIM

Post Office Address:

1503 W. Kingsway Drive  
Peoria, Illinois 61614-1611

## DECLARATION AND POWER OF ATTORNEY

I, JAMES E. WAGNER, declare that I am a citizen of the United States of America, residing at Chillicothe, Illinois, and that I believe I am one of the original, first, and joint inventors together with TARA L. COBBLE, SHANNON S. DUVENDACK, ARUNDHATI KARUMANCHI AND SALIM SALIM of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD AND SYSTEM FOR PROVIDING DIAGNOSTICS FOR A WORK MACHINE  
the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to be material to patentability as defined in §1.56. I further declare that no application for patent or inventor's certificate on this invention has been filed in any country foreign to the United States of America prior to this application by me or my legal representatives or assigns.

I hereby appoint Jeffrey L. Myers, Patent Office Reg. No. 44,252, telephone (309) 636-1843, Joseph W. Keen, Patent Office Reg. No. 28,432, telephone (309) 675-5753, Robert J. Hampsch, Patent Office Reg. No. 36,155, telephone (309) 675-5214, and R. Carl Wilbur, Patent Office Reg. No. 36,056, telephone (309) 675-5847, and James Yee, Patent Office Reg. No. \*\*\*Outside Lawfirm Attorney Reg No 562\*\*\*, telephone \*\*\*Outside Lawfirm Phone 565\*\*\*, my attorneys and/or agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected with this application. Please address all correspondence to: Jeffrey L. Myers, Caterpillar Inc., Intellectual Property Department, AB6490, 100 N.E. Adams Street, Peoria, Illinois 61629-6490.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

James E. Wagner 12/19/00  
JAMES E. WAGNER Date  
Post Office Address:  
13100 N. Cavalier Street  
Chillicothe, Illinois 61523-9560